

American Horticulturist

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News Edition

Horticulturists Par Excellence

Congratulate and celebrate the 1993 AHS Award Winners as we rendezvous at Disney's Village Resort in beautiful Lake Buena Vista, Florida, for our 48th Annual Meeting, October 8 to 10.

Liberty Hyde Bailey Award

Known to generations of Americans simply as "Lady Bird," she was born



Claudia Alta Taylor in the small Texas town of Karnack, on December 22, 1912. She attended rural public and parochial schools before entering the University of Texas, where she earned a degree in journalism in 1934. On November 17, 1934, she became Mrs. Lyndon Baines Johnson when she married the man who would become the nation's 36th president. Their marriage lasted nearly four decades, until President Johnson's death in 1973.

Lady Bird Johnson was passionately engaged in environmental projects long before it became "politically correct" to do so. Her name is often linked with the rise of urban beautification on a national scale. During her White House years, the

former First Lady was a founding member of the "More Beautiful National Capital" campaign. She was honorary chairman of the LBJ Memorial Grove, on the banks of the Potomac River in Washington, D.C., and of the Town Lake Beautification Project, which involved planting flowering trees along the Colorado River where it runs through Austin, Texas. For many years she served on the National Parks Advisory Board on National Parks, Historic Sites, Buildings, and Monuments.

Her greatest contribution to plant sciences came on December 22, 1982, her 70th birthday. With a financial endowment and a land grant of 60 acres, she

1994 Seed Exchange

The 1994 AHS Free Seed Exchange Program needs our members to make it a success. This year, we would especially like to receive seed of American native plants, whether annuals, herbaceous perennials, grasses, shrubs, or trees. Or how about seed from that especially delicious watermelon or your exceedingly fragrant nicotiana? Seed should be fresh, cleaned, and dry, and shipped in a tightly sealed container such as a taped envelope, double plastic bag, or plastic container with a lid. Include the common name, botanical name if known, mature height, flower color, hardiness, and any special germinating or growing instructions. Seed should be received by November 1. Mail to the 1994 AHS Seed Program, 7931 East Boulevard Drive, Alexan-

dria, VA 22308-1300. Call (800) 777-7931 for more information, or to obtain a form to accompany your seeds.

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The American Horticultural Society seeks to promote and recognize excellence in horticulture across America.

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founded the National Wildflower Research Center. Headquartered near Austin, the nonprofit organization conducts scientific research on wildflowers and other native and naturalized plants, and promotes their cultivation and preservation. For a decade she served as co-chair of the center with Helen Hayes MacArthur. MacArthur died earlier this year.

Though the White House gave her the public stature to draw attention to the environment, Johnson has written that "my story begins long before that—with a love of the land that started in my childhood." For her magnanimity as a patron, her influence as a national figure, and her inspirational love of nature, Johnson will receive the Society's highest honor, the Liberty Hyde Bailey Award.

The Luther Burbank Award

This year the Society will give its first-ever Luther Burbank Award, named for America's best-known plant breeder. Luther Burbank (1849-1926) was a visionary plantsman who lived and worked most of his life in California, experimenting with propagation techniques and introducing many new varieties of plants. The award was created to recognize extraordinary achievement in the field of plant breeding.

This first Luther Burbank Award will go to Israeli-American Oved Shifriss. Born in a small village in Israel, Shifriss was educated in the United States, receiving a bachelor's degree in agriculture and genetics from the University of California-Berkeley and a doctorate in plant breeding from Cornell University. As director of vegetable research for W. Atlee Burpee & Company from 1942 to 1950, he developed some of the earliest hybrids of vegetable crops. His biggest hit was the now legendary 'Big Boy' tomato. Still widely available after 44 years, 'Big Boy' is also a germplasm base for many more recent cultivars.

In 1950 Shifriss returned to his native Israel, where he established the department of plant genetics at the Weizmann Institute of Science. Again his objective was to develop superior hybrids of crop plants, and the resulting introductions of hybrid cucumbers and hybrid castor beans—grown for oil to be used in manufacturing plastic products—helped get the seed industry of the young nation underway.

From 1958 until his retirement in 1984, Shifriss taught plant breeding and genetics at Rutgers University, where he conducted research on the genetic mechanism that regulates chlorophyll synthesis during plant development. This research was made possible when Shifriss identified the "B genes" in squash. These genes transform dark green fruits into a ripe golden color, improve flavor, and increase

the level of beta carotene. The B genes can also make the fruit resistant to viruses.

Much of his recent research has concentrated on squash, which Shifriss believes can be developed into a major food crop.

A fellow of the American Association for the Advancement of Science, Shifriss has won awards from the American Society for Horticultural Science and in 1992 he received the All-America Selections Medallion of Honor for outstanding achievement in horticulture.

G. B. Gunlogson Award

By and large, when we first learn about gardening, we learn from one or two sources: mom and dad, whose impatient or stern tutelage might make the experience seem like a march to Bataan, or more formal classroom instruction, which isn't much like gardening, is it? The Missouri Botanical Garden offers an educational and entertaining alternative in the William T. Kemper Center for Home Gardening. Conceived in 1973 and open since June 1991, the center's purpose is to provide a comprehensive teaching facility for the amateur home gardener.

Located at the Missouri Botanical Garden in St. Louis, the Center for Home Gardening is the largest nonprofit gardening information center in the nation. It encompasses eight acres of display gardens, including a city garden, a butterfly garden, a secret garden, a vegetable garden, a fruit garden, an herb garden, a bird habitat, and rock and shade gardening displays. Its central feature is a pavilion designed to look and feel like a private residence, and the residential display gardens seem as if they might be found in any suburban neighborhood.

The center relies heavily on the University of Missouri Cooperative Extension Service and its Master Gardeners for personnel. More than 75 Master Gardeners, as well as one full-time university extension agent and three part-timers, staff the clinic. The center serves as a county extension office and provides on-site programs.

The William T. Kemper Center for Home Gardening will receive this year's G. B. Gunlogson Award, given for creative use of new technology to make home gardening more productive and enjoyable.

Catherine H. Sweeney Award

Like the protagonist of "Citizen Kane," Roger Milliken had a grand vision. But instead of an overwrought palatial estate, he has created a horticultural Xanadu of exquisite taste and variety on the grounds of his Spartanburg, South Carolina, textile company. Milliken, chairman and chief executive officer of Milliken &



Oved Shiffriss



Roger Milliken



Pauline Runkle



Don Shadow

Company, was the prime mover behind an innovative plan to build an arboretum on the 600-acre site of the corporate headquarters. According to Michael A. Dirr, author of *Manual of Woody Landscape Plants* and a plant consultant for the project, Milliken's brainchild "sets the standard for grounds development in a corporate setting."

Divided into formal and informal areas separated by an allée, the arboretum features four lakes, a three-and-a-half mile exercise trail, and a pool and fountain. More than 200 species and cultivars have been planted on the grounds. Dirr considers it the number one test site for new landscape trees for the Southeast. Not only has the Milliken horticultural staff planted new high-performance varieties like *Zelkova serrata* 'Green Vase', 'Autumn Blaze' maple, and 'Yarwood' plane tree, but they also have introduced trees adaptable to but rarely used in the region, such as the collection of flowering crabapples sent from Morton Arboretum in Lisle, Illinois.

Intent on providing a beautiful landscape for the enjoyment of employees and outside visitors alike, Milliken is establishing a policy of public accessibility and environmental commitment that could become a model for big business. For his role in conceiving and administering this venture, Milliken will receive this year's Catherine H. Sweeney Award, given for extraordinary and dedicated efforts in the field of horticulture.

Frances Jones Poetker Award

The 1993 Frances Jones Poetker Award will go to **Pauline Runkle**, a floral designer and owner of Floral Artistry, a floral and landscape design business in Manchester-by-the-Sea, Massachusetts. The award is bestowed annually by the Society on a person who has significantly increased public appreciation of creative floral design.

Runkle's floral creations have become a mainstay of the Boston arts scene. For 10 consecutive years she has contributed

displays to the Boston Museum of Fine Arts flower festival, "Art-in-Bloom." In 1989 Runkle played a key role in revamping the stage design of the Boston Pops, exchanging stark light panels for blankets of blooms. Runkle and Floral Artistry staff have worked on the orchestra's national telecasts ever since. And last winter Runkle was consulted by WGBH, the Boston public television channel that originates a major portion of PBS programming, to do floral designs for the set of "Masterpiece Theater."

Settings for her work have ranged from the sumptuously materialistic to the spiritually sublime. In 1990 her displays graced the windows of Boston's Tiffany and Company. The following year, when the Dalai Lama of Tibet visited Cornell University and addressed an audience of 12,000 people, he was surrounded by Runkle's floral creations.

During the past 20 years, Runkle has become a familiar face on the lecture circuit as well, much in demand for her talks on floral design and on meadow and perennial gardening. She was a featured speaker in the "Great Gardeners of America" lecture series, held at AmeriFlora '92 in Columbus, Ohio, and sponsored by AHS.

Commercial Award (Individual)

Bestowed on an individual whose commitment to excellence in commercial horticulture contributes to the betterment of gardenening everywhere, this award is presented to **Don Shadow**, president of Shadow Nursery in Winchester, Tennessee. The wholesale nursery, which specializes in woody ornamentals, promotes the use of the best recent introductions of plant varieties and hybrids by offering them through its catalog. The spring 1993 catalog featured pest-resistant dogwood hybrids patented by Elwin Orton Jr. of Rutgers University and 10 viburnums developed by the late Donald Egolf of the U.S. National Arboretum.

With a widespread reputation as a plantsman and an impressive list of professional affiliations, Shadow has

acquired an insider's insight into what will be the most useful plants for the future. He has served three terms on the Advisory Council of the U.S. National Arboretum and has been president of the International Plant Propagators Society and the Tennessee Nurserymen's Association. Currently, he is the vice president of the Southern Nurserymen's Association board of directors. In 1989 the Garden Club of America gave Shadow its Medal of Honor for outstanding horticultural achievement.

Near his nursery Shadow is assembling a living historical farm to be called "Shadows of the Past," which will re-create the agrarian milieu of early 19th-century America. The working farm will preserve heirloom varieties of plants, antique machinery and tools, and old domestic breeds of livestock.

Commercial Award (Institution)

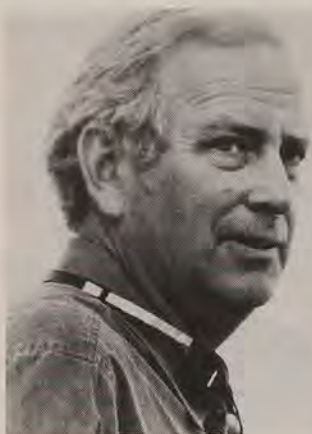
Nancy Goodwin, owner of **Montrose Nursery** in Hillsborough, North Carolina, winner of the AHS Commercial Award to an institution, describes herself as "a horticulturist by instinct, a musician by training." While studying music at Duke University, she took a single course in botany, acquiring a penchant for plants that would never leave her. Though she worked for many years as a piano and harpsichord teacher, she yearned to garden, and in 1984 launched her own nursery.

Goodwin started Montrose Nursery with the purpose of producing cyclamen from seed. Concerned about the flower's precarious status in the wild, Goodwin set out to give gardeners an alternative to wild-collected tubers. Montrose subsequently made a name for itself as one of the Southeast's best small nurseries.

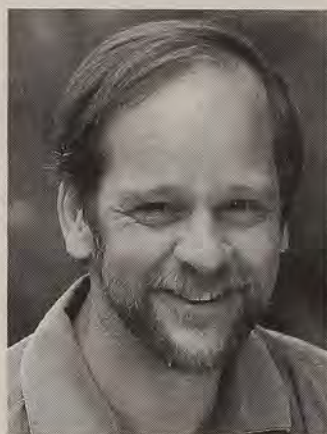
With the help of Douglas Ruhren, a horticulture graduate from Rutgers University who joined the Montrose staff in 1986, the nursery expanded its stock. They began to trial and offer many appealing perennials and shrubs that were happy in the local climate yet not readily



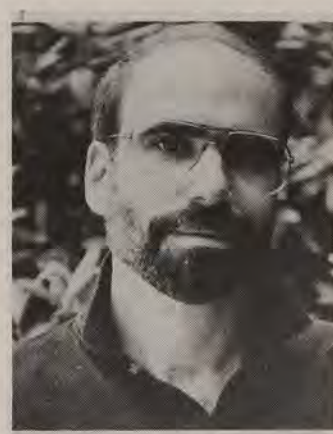
Nancy Goodwin



Russell Morash



John Pelrine



Ken Druse

available elsewhere. The staff remained a small, tightly knit group of about 10 people, including some high school students and seasonal help.

Today there is both bad and good news about Montrose. After 10 years of outstanding service, it will shut down its retail operations at the end of 1993. The good news is that it will maintain its popular display gardens, continue to test worthwhile plants for introduction to the nursery industry, and host gardening seminars and other gatherings. In Goodwin's words, "We will continue to open our garden to you, our friends."

Horticultural Communication Award

Now in its 18th season, PBS's "The Victory Garden" is the longest-running, most-watched gardening program in television history. Every week its friendly hosts share the latest in gardening instruction and advice and escort viewers through notable private and public gardens. "The Victory Garden" is watched by more than three million people.

Critical to the enduring success of the series is the behind-the-scenes wizardry of **Russell Morash** and **John Pelrine**. Morash created "The Victory Garden" 18 years ago and maintains the hands-on role of director and executive producer. The whole concept of "how-to" television is attributed to Morash, who also directed and produced shows such as "This Old House," "Julia & Company," and "Last Chance Garage" for Boston's PBS "mother channel," WGBH.

He has won four Emmy Awards for his direction. And if the name sounds familiar, yes, he's married to "The Victory Garden's" chef **Marian Morash**.

Series producer **John Pelrine** discovered gardening in the '70s, while rebuilding his grandfather's house in Nova Scotia. He came to "The Victory Garden" in 1977 as the series' weekend gardener, and after one year had become the full-time gardener. Continuing his rapid progress through the ranks, he became associate

producer in 1980, and by 1982 had the position he holds to this day.

The AHS Horticultural Communication Award was created to recognize those who have expanded horticultural awareness through media communications and research techniques.

Horticultural Writing Award

Aldo Leopold has been credited with founding the modern environmental movement. **Ken Druse**, who cites Leopold as an influence, advocates creating gardens that mimic what is best in nature's designs.

Druse is the award-winning author of two of the most influential gardening books of recent years: *The Natural Garden* (in its fifth printing; winner of both writing and photography awards from the Garden Writers Association of America) and the companion volume, *The Natural Shade Garden*, which couples the popularity and practicality of shade gardening with the ecologically sound techniques of natural gardening.

Druse's photographs are often seen in tandem with the work of other writers. He has photographed book covers for Allen Lacy and Frederick McGourty, among others. Exhibitions of his photographs have appeared at Nikon House and Van Cleef and Arpels. He has written and provided photographs for hundreds of newspaper and magazine articles. His home gardens—first a rooftop garden over a SoHo loft, now a garden behind his Victorian brownstone in Brooklyn—have been featured in newspapers, magazines, guidebooks, and local and national television programs. For three years, he was a guest presenter on "The Victory Garden."

Druse received a masters of fine arts degree from the Rhode Island School of Design, then moved to New York City in 1976. Following the publication of his first gardening book in 1977, he became gardening editor of *House Beautiful* magazine. His seventh book, *The Natural Habitat Garden*, will be published in 1994 by Clarkson Potter.

Meritorious Service Award

Each year the Society gives its Meritorious Service Award to a member or friend of the Society in recognition of his or her outstanding and exemplary support of the Society's goals, services, and activities. This year's award goes to **Sherran Blair** of Columbus, Ohio.

Blair joined the Society's Board of Directors in 1989. During the six-month-long AmeriFlora '92 flower festival in Columbus, she was co-chair, with H. Marc Cathey, of the "Great Gardeners of America" program, a weekly lecture series by some of the most popular and respected names in horticulture. More recently she represented AHS at the 1993 Cincinnati Flower and Garden Show, which the Society endorsed.

Blair hasn't confined her energetic volunteer efforts to AHS activities. She is a past president of the Organic Gardening Club of Central Ohio and a former vice president of the Herb Society of America. In 1991 she was a judge at the New York Flower Show. Currently, she is vice president of the Inniswood Society, which supports the Inniswood Botanical Gardens and Nature Preserve in Franklin County, Ohio.

Evidence of her generous endeavors on behalf of worthy causes is her acceptance letter, in which she mentions her involvement in an upcoming floral demonstration that benefitted a local boys' school. "You know," she says, "that is great fun for me!"

Scientific Award

The volume and range of **Theodore Dudley's** accomplishments defy easy summary. Currently the lead scientist and research botanist in charge of taxonomy and nomenclature at the U.S. National Arboretum, he has served on its staff since 1966. During that time he has journeyed throughout the world in search of herbarium specimens and germplasm, traveling to such far-flung places as North Korea, Turkey, Greece, the Caribbean, the



Sherran Blair



Theodore Dudley



William Klein Jr.



Harrison Flint

Peruvian Andes, and Tierra del Fuego in Argentina. He has led four major expeditions to the People's Republic of China to document wild plants and collect seeds and cuttings. These explorations resulted in more than 700 accessions brought into the United States to begin the process required for introduction.

In spite of his many travels, he has found time to produce an impressive body of written work. He has published nearly 300 scientific and semitechnical papers and books on such topics as taxonomy and nomenclature, plant ecology, plant geography, and floristics. The results of his research have appeared not only in U.S. journals, but also in Chinese, German, and British publications.

Dudley is also the founding editor of Dioscorides Press, an imprint of Timber Press, Inc. and the only press in North America that specializes in the plant sciences. Established in 1986, Dioscorides has published over two dozen volumes on such wide-ranging subjects as plant conservation, ethnobotany, evolutionary biology, orchids, plant systematics, phytoarcheology, and the botanical achievements of Leonardo da Vinci.

Professional Award

William Klein Jr. was barely a year into his new job when the roof caved in—literally. On August 24, 1992, the very day that garden officials were to hear bids from contractors on some refurbishing and expansion projects, nature dealt the Fairchild an ironic backhand in the form of Hurricane Andrew (see "Regional Notes," November 1992 News Edition). For his role in the remarkable recovery of the Fairchild, as well as his dedicated service in the administration of public gardens, Klein will receive this year's AHS Professional Award.

The Miami, Florida, garden was hard struck by the havoc of Andrew. Most of its trees were damaged and many were destroyed altogether. Several greenhouses were also lost. But Klein and the staff reacted immediately and constructively to

the devastation. By October 3, they had re-opened the Fairchild so the public could again admire the nation's largest tropical garden while observing the relief efforts. They started a Garden Relief Fund that by the following May had taken in nearly a quarter million dollars in charitable contributions. The American Association of Botanical Gardens and Arboreta, on whose board Klein was then serving, coordinated the transfer of personnel and materials from other public gardens to aid in recovery.

According to Fairchild's chief horticulturist Don Evans, "Within three years, the average visitor won't be able to tell anything had ever happened."

Educated in Colorado and California, Klein worked several years as a research scientist before embarking on a successful career in public garden administration. Prior to taking over at Fairchild, Klein was director of Morris Arboretum at the University of Pennsylvania for 13 years, and before that an assistant director to Peter Raven at the Missouri Botanical Garden.

Teaching Award

We've all known college professors, horticultural or otherwise, who were primarily researchers or writers, only occasionally making a classroom guest appearance. Not so with Purdue University's Harrison Flint. While attending to the usual potpourri of professorial duties, he has managed to concentrate most of his attention on that neglected campus denizen—the student. He has developed and taught curricula and explored innovative, nontraditional teaching methods that inspire undergraduate students and provide them with the practical training required for careers in horticulture.

One of Flint's notable achievements is the Public Horticulture Program (PLANTPRO) he founded at Purdue in 1971. PLANTPRO is a specialized curriculum that prepares undergraduate horticulture students for careers in botanical gardens, arboreta, and other public

institutions. Graduates of the program have gone on to careers in institutions in Canada, Hong Kong, the Philippines, and throughout the United States.

Aided by grants from the Purdue School of Agriculture, Flint has experimented with a variety of nontraditional teaching methods that have paid off in student responsiveness. In a basic course on woody landscape plants, he has instituted peer teaching in which the students themselves act as instructors. In a planting design course, he teaches in tandem with a landscape architect so that students get the best of both worlds. For the PLANTPRO curriculum, which he continues to coordinate, he teaches an advanced course on woody plants that emphasizes identification techniques, nomenclature, plant geography and exploration, conservation, and curatorial management for plant collections. He also teaches a five-week minicourse on nontechnical horticultural writing.

Flint has written dozens of popular and scholarly articles for periodicals. *Landscape Plants for Eastern North America*, one of his two books, received a Quill and Trowel Award from the Garden Writers Association of America recognizing an outstanding technical or reference book.

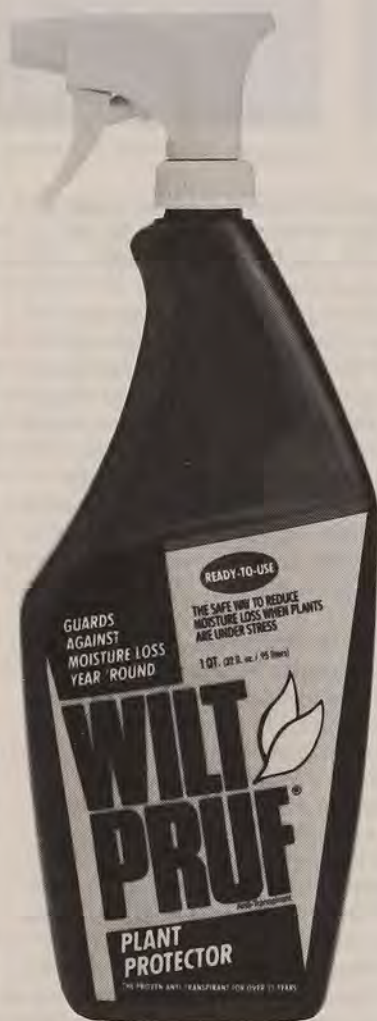
That Flint has won a national award for horticultural teaching will probably come as no surprise to his students or colleagues. In the past, Purdue University has recognized him with four "Best Teacher" awards and four "Outstanding Academic Advisor" awards.

Landscape Design Award

Morgan "Bill" Evans has pursued horticulture and landscape design professionally for 60 years. He got his start in Los Angeles, where he ran a landscape nursery with his father and brother in the '30s and '40s.

In 1954 Walt Disney hired Evans and his brother Jack to design, install, and maintain the landscaping for a new amusement park being built in Anaheim, California, a park that would later be

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known as Disneyland. Although Jack died soon after, Bill Evans continued to work for the Disney organization through all its ambitious expansion, including the addition of Walt Disney World in Orlando, Florida. Evans retired as director of landscape design at Walt Disney Imagineering in 1975, but Disney officials weren't prepared to let him go that easily. He was recalled as a landscape consultant for Tokyo Disneyland and the Epcot Center complex at Walt Disney World. More recently, Evans worked on Euro Disneyland in France, contributing to the landscape design and providing field supervision during construction phases.

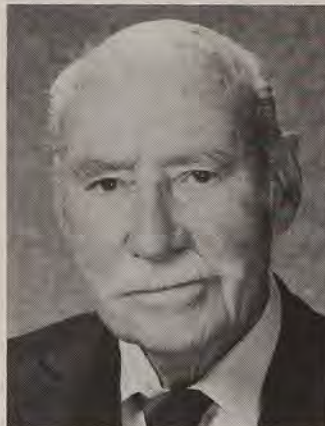
His association with Disney continues to this day, as his years of experience and expertise are called on for many of the company's projects.

Evans is a member of the International Society of Arboriculture and a fellow of the American Society of Landscape Architects. He is this year's winner of the AHS Landscape Design Award, which acknowledges an individual whose work has expanded awareness of horticulture through landscape architecture.

Urban Beautification Award (Individual)

For thirty years Geoffrey Rausch has specialized in an area of landscape architecture close to the hearts of garden lovers. A partner of Environmental Planning and Design, a Pittsburgh landscape architecture and community planning firm, Rausch is known for his expertise in the design and master planning of arboreta and botanic gardens, often following a project from inception through construction phases. He has had a hand in creating 40 gardens, including some of the top gardens in the country, such as the Chicago Botanic Garden, the Missouri Botanical Garden, the Denver Botanic Gardens, Tower Hill Botanic Garden in Boylston, Massachusetts, and the National Tropical Botanic Garden in Hawaii.

Rausch received a degree in landscape architecture from Ohio State University in 1962 and afterward earned a fellowship at Dumbarton Oaks in Washington, D.C., where he studied the history of landscape architecture. Before joining Environmental Planning and Design, he served in the Army and worked as a landscape architect for the city of Columbus, Ohio, in the departments of city planning and



Morgan Evans



Geoffrey Rausch

parks and recreation.

He frequently lectures to professional organizations and universities on the topics of master planning and design, and he has served as a judge of design competitions for Ohio State University and the American Association of Nurserymen. He has traveled extensively in Europe and the United States to study gardens, zoos, and urban landscapes.

Local Horticulture Award

To show our appreciation to the hosts of our Annual Meeting and to recognize their own distinctive contributions to horticulture, the Society presents the Local Horticulture Award to an individual or group in the host city.

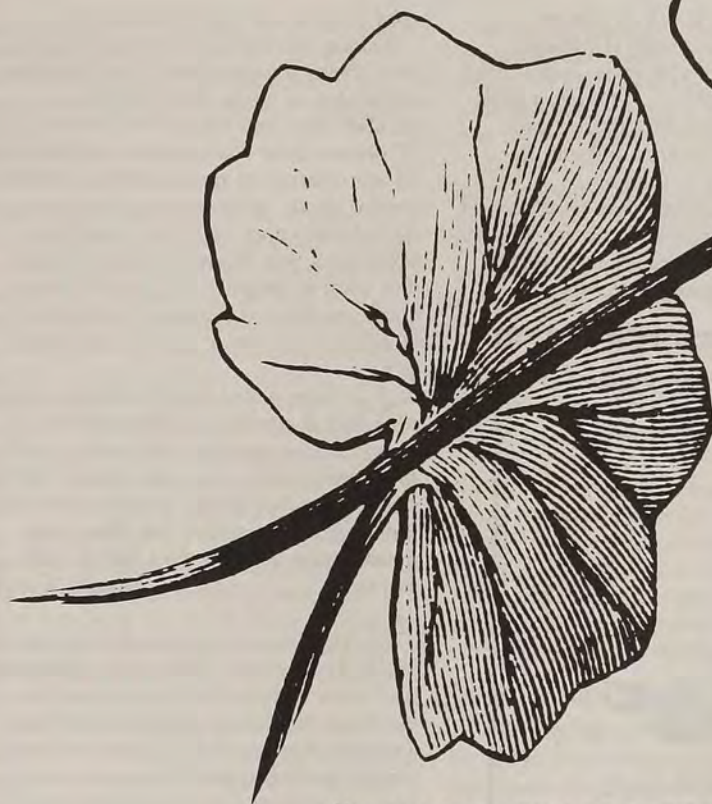
The selection was made especially easy this year, since the meeting will be held at Walt Disney World Resort, famed for the beauty of its gardens. Much of the fabled Disney enchantment emanates from elaborate, imaginative plantings throughout the resort.

Responsibility for the park's horticulture falls squarely on the shoulders of one man, Richard A. "Dick" Nunis, chairman of Walt Disney Attractions.

Nunis started what he thought would be a temporary summer job at Disneyland in 1955, and has been with the Disney Company ever since. He attributes his success with Disney to working at Disneyland during the company's formative years, and learning Walt Disney's philosophy directly from him. ♦

Our 1993 Awards will be presented at the 48th AHS Annual Meeting, October 8 to 10 in Lake Buena Vista, Florida. Five of the award winners—Ken Druse, Theodore Dudley, Morgan Evans, William M. Klein Jr., and Don Shadow—will also be featured speakers at the meeting. A complete program appeared in the July News Edition. For more information or a registration form call or write AHS Annual Meeting, 7931 East Boulevard Drive, Alexandria, VA 22308-1300, (800) 777-7931.

The New York Botanical Garden presents



Saturday, October 23
Vienna, Virginia

Tuesday, October 26
Dallas, Texas

Thursday, October 28
New York City

Saturday, October 30
the Hamptons, New York

This program is presented by
The New York Botanical Garden in cooperation with
The Dallas Arboretum,
the Horticultural Alliance of the Hamptons,
and the National Wildlife Federation

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and distinctive garden visions—in their private
retreats and in gardens created for others,
gardens that provide a wonderful setting
for both plants and people.

NY Botanical
Garden

Gardeners' Q&A

Q: Could you suggest some salt-tolerant shrubs for the Long Island area?
—S. F. Yaphank, New York

A: A number of hardy shrubs and small trees tolerate seaside conditions. You could, for instance, plant the shad-blow or thicket serviceberry (*Amelanchier canadensis*). This upright, suckering shrub grows to 20 feet and is native to

coastal bogs as far north as Maine.

The cockspur hawthorn (*Crataegus crus-galli*) is armed with three-inch thorns and can grow to 30 feet. It makes a great barrier plant and can be trimmed as a hedge. But its thorns are a liability if small children play in the area.

Sea buckthorn (*Hippophae rhamnoides*) is another large shrub with silvery foliage. Its bright orange berries are striking in winter but to produce them, you will

need at least one plant of each sex.

Among conifers, the Japanese black pine (*Pinus thunbergiana*), the American arborvitae or white cedar (*Thuja occidentalis*), and the oriental arborvitae (*T. orientalis* or *Platycladus orientalis*) are all salt tolerant as species, and all have several dwarf cultivars. Salt tolerance in the cultivars may vary, but if you like evergreens, you might try these first. If you want to broaden the possibilities, check established seashore plantings in your area and notice what is doing well.

Q: I have heard that the honeysuckle vine that is choking out the understory plants in our woods is not native. But I like honeysuckle vines and would like to plant some that would not take over the woods if they escaped. Are there any good native honeysuckles that I could put in?
—G. D., Atlanta, Georgia

A: The genus *Lonicera*, the honeysuckles, includes about 180 species of shrubs and vines widespread throughout the northern hemisphere. Cultivars of the Japanese honeysuckle (*L. japonica*) are widely available, but the species has become a major woodland pest in the Southeast. You might consider instead the trumpet honeysuckle (*L. sempervirens*), native from New England to Florida and inland as far as Nebraska. The trumpet honeysuckle has conspicuous flowers in red, orange, or yellow and dark blue-green foliage that is deciduous except in the deep South. Some plants produce copious quantities of red berries, which make an effective fall display. A number of cultivars are available, differing mainly in flower color. If you like honeysuckles for their scent, however, you should be aware that the trumpet honeysuckle has no odor.

Q: How should I treat galls on azalea leaves?
—D. C., Arlington, Virginia

A: Leaf gall in the *Rhododendron* genus, which includes azaleas as well as rhododendrons, is usually caused by a fungus, *Exobasidium vaccinii*. The galls are most conspicuous on leaves, but they may also occur on branches, flowers, and seed pods. They may not be pretty but they aren't a serious disease. The best control is simply to remove and destroy all of the infected parts before the fungus can reproduce. A white coating appears on galls that reach the reproductive stage. Since the fungus can overwinter in the plant, several years of attention may be necessary to put down the infection.



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Members' Forum

Editor's note: In our May issue, we asked members to tell us what they recycle for use in the garden. Here are some of the replies. We would love to hear from more of you!

Lots of Labels

I live with about 200 others, median age 82, in an apartment complex on 20 acres.

Within reasonable limits, residents may use the land as they wish as long as it doesn't cost the management anything. As a result, growing things abound throughout the complex: flower beds in the ground, plants and flowers in the windows and on the patios, a rose garden, and an herb garden. Ten knee-high box gardens contain flowers and vegetables, and on the top of a hill a half-acre is plowed each year for rather extensive vegetable gardens. In this area, I have been developing a tree farm, much of which has been the result of my activity with the seed distribution by the Society—I have about 20 seedlings almost ready to add to that garden.

None of the trees or bushes on the property—perhaps 200—are identified, and almost none of the herbs. A resident had made a few wood labels for the herb garden, but they rotted out in a couple of years. What to do, with no money for these things?

1) An old lattice was disassembled and cut in strips with tin snips. Spray painted sand color with white lettering, they make plant labels that are unobtrusive yet large enough to be read easily.

2) A variation on No. 1 was to provide wire legs on horizontal labels, attached with a paper stapler. The wire came from discarded coat hangers. White lettering on sand-colored paint works well, and the label can be made as long as the name!

3) The top or bottom of a 12-ounce frozen juice can, with a hole punched in it, spray-painted sand, with white lettering again, makes an unobtrusive label for trees and bushes. Using a bit of plastic coated garden twist secures the disk loosely to the tree.

4) Old wire coat hangers have at least a dozen uses in the garden and have practically replaced hay wire. Hangers and a pair of heavy duty pliers are all that is needed to make tomato cages.

5) Pint milk and cream containers are a must for seed starting. Turning the tops inside out instead of cutting them off increases the stability of the container. Large seeds can sprout and grow quite large in these containers, which are easily cut open when ready to plant.

6) Plastic photographic film containers are useful for seeds; I always punch a couple of holes in the tops. Small glass vials are better because you can see what you have without dumping them out.

7) Two overlapping layers of discarded composition roofing shingles made a very suitable walking path through a naturalized wooded area at the rear of a private home.

Good luck with this! We all need to help.

Julian E. Aurelius
Lexington, Kentucky

P.S. I have used the 800 number for advice several times and am greatly appreciative of its availability.

We're glad you take advantage of so many of our member benefits. Congratulations on starting so many trees from free AHS seeds! Thanks for sharing your ideas and sending us samples of your labels. The enamel paint should make even the wooden ones last a long time.

Yogurt Cups, Wood Pallets

Plastic yogurt cups with three holes drilled in the bottom with a 5/16-inch drill make excellent seeding pots. Stack them about six or seven deep when drilling and don't worry about cracked bottoms—it only helps the drainage.

For a compost container, stop at your nearest large electrical supply company or similar light industry and pick up four free wooden pallets that they use in shipping. Wire tie them together at the corners for a perfect outdoor container.

Silas Weeks
Eliot, Maine

These pallet bins have been very popular with visitors to our National Home Composting Park. They aren't as beautiful as manufactured bins, but the price is right, and you're rescuing a bulky item from a landfill. Putting a fifth pallet on the bottom brings air underneath the compost pile and can speed decomposition.

Dehumidifier Water

I recycle my dehumidifier water into my garden instead of just dumping it down the drain. (My dehumidifier runs constantly in the summer, so this is a lot of water!) How do I get all that water up from the basement to the garden? Old, plastic detergent buckets!

Mary E. Ray
Plainfield, Illinois

This is a great source of "used" water, since unlike that from a washing machine or bathtub, it should be relatively pure. And unlike tap water, it contains no fluorides.



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New Jersey Power Plants

Robert Hoffman and Robert Popham used to struggle with a flower bed behind their New York City apartment. Flowers were a pleasant break from their work in textile export and real estate, but urban gardening has its constraints. "We were limited to whatever would grow in 90 percent shade," Popham recalls. When they moved to Plainfield, New Jersey, they thought they had their place in the sun at last. But as it turned out, they had only exchanged one set of problems for another.

"We started landscaping the property," Popham says, "and we had a terrible time finding things at the local garden centers." Plants they did find were frequently mislabeled: a quick check of the reference books often made it painfully obvious that their purchases couldn't be the cultivars the nurseries had called them. "Frankly," says Popham, "this problem is very common in the nursery business. The attitude seems to be 'who cares?'"

That experience inspired Fairweather Gardens, the nursery Hoffman and Popham founded in Greenwich, at the southern end of New Jersey, in 1989. Although Fairweather sells various other woody plants, its focus is a carefully chosen collection of Japanese maples, camellias, dogwoods, witch hazels, hollies, magnolias, crabapples, and viburnums. Originally a wholesale operation, Fairweather published its first full-scale retail catalog this year.

In search of candidates for their collection, Hoffman and Popham explore botanical gardens and specialty nurseries, and even go seed collecting in the local wilds. But their aim is not really a broader inventory. Instead, they focus on those core genera and try to make the best possible choices within them. "With magnolias, for instance," Hoffman explains, "there might be only a few available at the local garden center, but there are 20 or 30 that are really good. On the other hand, a specialty nursery will sell hundreds of cultivars, many of which will differ in only the most minute respects."

It's not just careful choice that distinguishes Fairweather's offerings—it's also the owners' disdain for the puny cuttings typical of many large nurseries. By selling plants big enough to be appreciated in their first or second year, Fairweather hopes to make the customer's dream landscape a more or less immediate possibility. "Our plants are large enough so people don't have to



The bud clusters of the Yulan magnolia resemble candelabra.

coddle them," says Hoffman.

That approach is winning favorable reviews from professional gardeners. "I really can't say enough about them. The quality of the plants I bought was absolutely fantastic," says Barry Yinger. Formerly superintendent of horticulture for the Somerset County Park Commission in New Jersey, Yinger works on introductions for Hines Nurseries, a wholesaler in California. Fairweather sold him magnolias, witch hazels, and viburnums for his farm in Pennsylvania.

Also among Yinger's purchases were some of the hybrid camellias developed by William Ackerman of the U.S. National Arboretum in Washington, D.C. Ackerman breeds his plants mainly from specimens of *Camellia oleifera* that survived Washington's "freeze of the century" some 20 years ago. His work has greatly expanded the range of the genus. On Yinger's farm, in Zone 6b, the mercury hit zero several times last winter. "That was cold enough to damage some native plants," says Yinger, but the Ackerman hybrids showed only leaf burn. They can be grown as far north as Zone 5b.

"Fairweather is the only source I know of for the Ackerman hybrids," says Yinger. Hoffman sees the Ackerman camellias as a good example of an industry-wide problem. "We may be the only people offering them because no one else cares—people who've grown up in the nursery business usually just sell what their fathers sold."

Fairweather's careful choice of cultivars has also attracted the attention of James Waddick, a writer and plant explorer specializing in Chinese flora. "They're trying to get some of the newer and more unusual cultivars," says Waddick, "and

they're very concerned with getting true-to-name material." According to Waddick, that's a rare preoccupation: "There's a lot of misnaming or glossing over of names in the nursery industry today." For example, he says, the spectacular, yellow-flowering 'Elizabeth' magnolia, a Pennsylvania Horticultural Society Gold Medal winner, occurs more often in name than in fact. Viburnums also need to be watched: seed-grown stock may be sold as its parent cultivar. For such plants, Waddick sees Fairweather's catalog as a kind of landscaper's insurance policy.

Waddick bought some interesting magnolias from Fairweather, including 'Porcelain Dove', a sumptuously fragrant hybrid of the native sweetbay (*Magnolia virginiana*) and the rare Asian *M. globosa*. "It has taken a long time for these new magnolia cultivars to come out," says Waddick, "but Fairweather has a number of them—the yellow ones, and 'Vulcan', a red one." Waddick also bought some unusual American holly cultivars: the variegated 'Steward's Silver Crown'—"my plant was about three feet tall and was very under-priced"—and the narrow-leaved, low-growing 'William Hawkins'.

Fairweather is not just after choice cultivars; it also has some worthy but neglected species, mostly outside of its core genera. "A lot of people think, if it has no cultivar name, it's no good," says Popham. But consider the Persian parrotia (*Parrotia persica*), a small tree whose leaves unfold as reddish purple, then turn a shiny green in summer. In fall, they burn in orange, red, and yellow. Older bark is a patchwork of gray, green, white, and brown. "Every tree and every shrub reference book mentions it as the absolute best," says Hoffman, "but you can't find it."

Fairweather also has the lace-bark pine (*Pinus bungeana*), cultivated for centuries in Chinese temple gardens. And there's the hardy rubber tree (*Eucommia ulmoides*), with its lustrous, dark green foliage. But it's not simply the selection that appeals to Fairweather's customers. "If you're looking for some of these things you'd be willing to pay almost any price for them," Waddick says, "but they have good deals."

Fairweather's catalog is available for \$3 from Fairweather Gardens, P.O. Box 330, Greenwich, NJ 08323, (609) 451-6261.

NEW RELEASES

Shortcuts for Accenting Your Garden

Marianne Binetti

Softcover. Retail price: \$9.95. AHS price: \$8.50.

Book code: GAR 092

Over 500 easy and inexpensive tips to improve any yard with showcase exterior decorating techniques. Binetti offers quick changes for fast landscape fix-ups. Garden vistas, features, accents, and highlights with show-off plants are covered, as are borders and paths. 1993. 144 pages.

The American Mixed Border

Ann Lovejoy

Hardcover. Retail price: \$35. AHS price: \$29.75

Book code: MAC 098

Lovejoy has written a book on a horticultural style tailor-made for today's gardener. The mixed border consists of many types of woody and herbaceous plants, all combining to create a garden that provides year-long interest. Included are the basics—size, region, climate, soil, water—as well as plants to use and gardens to visit for inspiration. 1993. 264 pages.

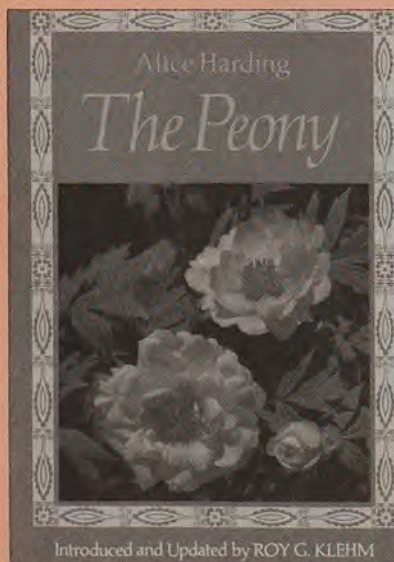
The Peony

Alice Harding

Hardcover. Retail price: \$29.95. AHS price: \$25.50.

Book code: TIM 094

After a thorough introduction to peony appreciation, mythology, and history, this new edition combines the most important elements of Harding's two earlier books, *The Book of the Peony* and *Peonies in the Little Garden*. It describes in detail the cultivation of both herbaceous and tree peonies and will be an invaluable resource for the serious gardener. 1993. 169 pages.



Shortcuts to Great Gardens

Nigel Colborn

Softcover. Retail price: \$19.95. AHS price: \$16.95.

Book code: LIT 097

Whether you want an instant garden, a fast planting strategy, or just the shortest path to an established look, this book is packed with ideas for quickly creating the illusion and appeal of a mature garden. Designs for complete gardens range from a one-season formal garden to a low-maintenance woodland garden. Colborn shows that even with a tight schedule and a tight budget you can create a beautiful, long-lasting garden. 1993. 144 pages.

Gardening With Groundcovers and Vines

Allen Lacy

Hardcover. Retail price: \$35. AHS price: \$29.75.

Book code: HAR 095

One of the best garden writers in America writes a passionate and informative book about growing high vines and low ground covers that can add depth and beauty to any lawn or garden. Lacy explores the unexpected charm and beauty of these plants and goes far beyond the staples, calling attention to many that are readily available, but not commonly grown. The book has more than 140 magnificent color photos by Cynthia Woodyard. 1993. 256 pages.

Water Thrifty Garden

Stan Defreitas

Softcover. Retail price: \$19.95. AHS price: \$16.95.

Book code: TAY 090

Water Thrifty Garden shows how to use less water in your garden without sacrificing color or beauty. It covers the basics of xeriscaping, has extensive lists of the newest and best lawn grasses and drought-tolerant plants, and contains up-to-date information on irrigation systems. This book is the perfect answer for homeowners who want a beautiful yard without draining their wallets or wells. 1993. 160 pages.

The Trees of North America

Alan Mitchell

Hardcover. Retail price: \$35. AHS price: \$29.75.

Book code: FAC 011

This beautiful and easy-to-use guide describes native and introduced species of North American trees. In a family-by-family format, more than 500 species are described and illustrated in stunning full color. Drawings depict silhouettes, leaves, flowers, fruits, seeds, bark, and seasonal changes. This is an indispensable guide for the naturalist and gardener and an invaluable reference for the layperson. 1993. 208 pages.

The History and Folklore of North American Wildflowers

Timothy Coffey

Hardcover. Retail price: \$35. AHS price: \$29.75.

Book code: FAC 012

More than a field guide or gardening handbook, this volume is a fascinating compendium of the popular lore and practical uses of North American wildflowers from pre-Colonial times to 20th-century medicine. Generously illustrated, it covers more than 750 species. Entries include both common and botanical names along with their etymologies and many regional variants. *The History and Folklore of North American Wildflowers* is an important addition to the growing field of ethnobotany and will be welcomed by nature lovers, serious botanists, students of history, and of course, gardeners. 1993. 288 pages.

Ferns to Know and Grow

F. Gordon Foster

Softcover. Retail price: \$22.95. AHS price: \$19.50.

Book code: TIM 093

This classic work on ferns recently went out-of-print. Now it has been enlarged to include species from the western, southern, and northeastern states. *Ferns to Know and Grow* is the "Fern Bible" for beginning and advanced gardeners and serious horticulturists. 1993. 244 pages.

The Gardener's Reading Guide

Jan Dean

Hardcover. Retail price: \$23.95. AHS price: \$20.50.

Book code: FAC 013

This unique reference work is the first popular bibliography of books devoted to gardening. More than 2,300 fully annotated entries describe all types of gardening books, both currently available titles and out-of-print classics, from gardening anthologies and personal narratives to the vast how-to area. Hands-on gardeners as well as the arm-chair variety will treasure this book. 1993. 288 pages.

Herbs for the Holidays

Sal Gilbertie

Softcover. Retail price: \$21.95. AHS price: \$18.75.

Book code: GAR 014

Lovely to look at and practical to use, *Herbs for the Holidays* is a treasury of unique home decoration ideas for the holiday season. Gilbertie's ideas for using herbs in topiaries, wreaths, and centerpieces are wonderful for bringing nature indoors. More than 30 step-by-step projects with complete, easy-to-follow instructions, using garden and store-bought herbs, along with natural materials gathered from fields and woods. 1993. 128 pages.

GARDENING BOOKS

ENVIRONMENTAL GARDENING

Redesigning the American Lawn

F. H. Bormann, D. Balmori, and G.I. Geballe

Hardcover. Retail price: \$19.95. AHS price: \$16.95.
Book code: YAL 099

This book is an extremely readable summation of the origins of the addiction to lawns and of the environmental reasons we should kick the habit. It explores ways to replace the lawn with ground covers, grasses, wildflowers, trees, and shrubs that are drought and disease resistant. What better way to reduce the need for chemical pesticides and mowing, while adding horticultural interest? 1993. 166 pages.

Yardening

Jeff and Liz Ball

Hardcover. Retail price: \$24.95. AHS price: \$21.25.
Book code: MAC 401

A homeowner's dream! How to create a healthy and beautiful yard without devoting excessive time to caring for it. This is a one-stop reference on lawn care, trees, shrubs, and vegetables. *Yardening* also addresses such environmental concerns as composting, water conservation, and pesticides. 1991. 268 pages.

The Organic Gardener's Handbook of Natural Insect and Disease Control

Barbara W. Ellis and Fern Marshall Bradley

Hardcover. Retail price: \$26.95. AHS price: \$22.50.
Book code: ROD 018

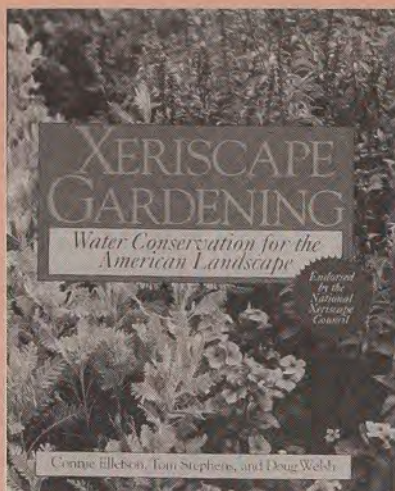
The Organic Gardener's Handbook of Natural Insect and Disease Control contains entries on vegetables, fruits, herbs, annuals, perennials, and ornamentals and includes symptoms of and solutions for major pests and diseases. Illustrations show how to diagnose problems. 1992. 544 pages.

The Rodale Book of Composting

Grace Gershuny and Deborah Martin

Hardcover. Retail price: \$21.95. AHS price: \$18.65.
Book code: ROD 021

The Rodale Book of Composting is the bible of composting for beginning and experienced composters. It includes extensive plans, options, tables, graphs, and insights. It also "covers the decomposition phases of the plant life cycle in intricate, yet readable detail."—*Washington Post*. 1992. 278 pages.



Xeriscape Gardening

Connie Ellefson, Tom Stephens, and Doug Welsh

Hardcover. Retail price: \$30. AHS price: \$25.50
Book code: MAC 400

Xeriscape Gardening encourages the creation of drought-tolerant landscapes through changes in garden design, watering methods, plant selection, or a combination of all three. Ideal for all areas of the country experiencing periodic droughts, this new volume outlines the principles of low-water landscaping and the practicalities involved in transforming a landscape to fit your climatic needs. 1992. 323 pages.

Shade and Color With Water Conserving Plants

James Walters and Balbir Backhaus

Hardcover. Retail price: \$39.95. AHS price: \$33.95.
Book code: TIM 506

With this book the authors put an end to the myth that only water-intensive gardens can be beautiful. They propose that changing the landscape may be the least painful way to conserve water and show how this can be accomplished without any shortage of shade or color. Included is a plant encyclopedia with extensive descriptions of more than 300 species of arid-climate plants. 1992. 105 pages.

Rodale's Chemical-Free Yard and Garden

Fern Marshall Bradley

Hardcover. Retail price: \$26.95. AHS price: \$22.95.
Book code: ROD 023

Five of North America's foremost gardening and farming experts have assembled hundreds of proven, all-natural remedies for common garden problems in one handy reference guide, *Rodale's Chemical-Free Yard and Garden*. Learn just how easy it is to care for your yard and garden without the use of harmful chemicals. There is also a comprehensive guide to safe, organic products. 1991. 456 pages.

Environmental Gardening

Karen Arms

Softcover. Retail price: \$23.95. AHS price: \$20.35.
Book code: HAL 005

Environmental Gardening provides information on trees, shrubs, vines, lawn grasses, ground covers, perennials, annuals, and biennials plus details on herb, fruit, and vegetable gardening. Boxed features explain the scientific bases of environmental gardening. Margin notes include tips, fascinating facts, important information, even some delicious recipes. Printed on recycled paper. 1992. 320 pages.

Drip Irrigation for Every Landscape and All Climates

Robert Kourik

Softcover. Retail price: \$12. AHS price: \$10.25.
Book code: MET 001

Drip irrigation is a way to help all gardens prosper. With a well-designed system there will be more foliage, increased bloom, higher crop yields, and a marked reduction in diseases. At the same time there is a large reduction in the amount of water used. Kourik's book offers lucid, step-by-step instruction for setting up your own drip system, while alleviating some of the "future shock" of dealing with the hi-tech hardware. 1992. 124 pages.

Down-to-Earth Natural Lawn Care

Dick Raymond

Softcover. Retail price: \$16.95. AHS price: \$13.99.
Book code: GAR 200

Down-to-Earth Natural Lawn Care teaches homeowners how to work with nature to install and maintain a healthy, beautiful lawn. Raymond explains how to do the right thing at the right time to ensure that lawns flourish all season long and for years to come. Applicable to all sections of the country, Raymond's book includes a year-round maintenance schedule. 1993. 176 pages.

Rodale's All-New Encyclopedia of Organic Gardening

Fern Marshall Bradley and Barbara W. Ellis

Hardcover. Retail price: \$29.95. AHS price: \$25.50.
Book code: ROD 022

This edition is packed with great tips, no-nonsense advice, and easy-to-follow growing information providing everything you need to know to garden organically. Organic gardeners have shown that it's possible to have pleasant and productive gardens in every part of the country without using toxic chemicals. This book is an indispensable resource for all gardeners. 1992. 690 pages.

OTHER TITLES

Gardening With Perennials Month by Month

Joseph Hudak

Hardcover. Retail price: \$59.95. AHS price: \$50.95.

Book code: TIM 006

Revised, updated, and expanded, this second edition continues to be the most practical hardy perennial guide in North America. Each chapter shows another month's typical blooming perennials. Over 700 species are covered in all. This is a comprehensive and delightful reference work, invaluable to both amateur and professional gardeners. 1993. 320 pages.

Perennials and Their Garden Habitats

Richard Hansen and Friederich Stahl

Hardcover. Retail price: \$49.95. AHS price: \$42.50.

Book code: TIM 009

This book describes an innovative plan for perennials based on their native habitats. The key to success is attention to the cultivation needs and preferences of each species. The book details site selection and preparation, design for on-going color succession, and maintenance for many types of garden sites. Lists of suitable plants are provided for each site. 1993. 528 pages.

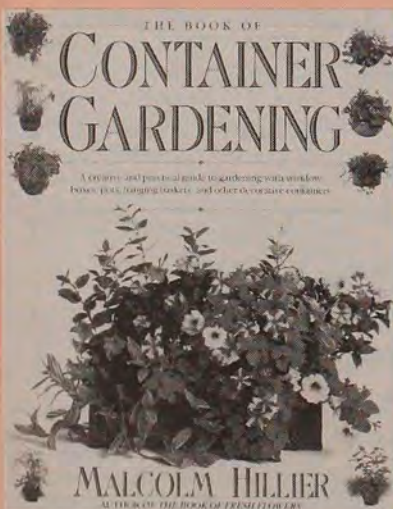
The Book of Container Gardening

Malcolm Hillier

Hardcover. Retail price: \$27.50. AHS price: \$23.50.

Book code: GAR 091

The Book of Container Gardening is the ultimate guide to growing plants in all types and sizes of containers and in a variety of settings. Hillier gives planting designs for window boxes, pots, low bowls, urns, barrels, sinks, and hanging baskets, all with a profusion of flowers. 1991. 192 pages.



Scent in Your Garden

Stephen Lacy

Hardcover. Retail price: \$40. AHS price: \$34.

Book code: LIT 097

Although scent has the power to turn an ordinary garden into a bewitching one, it is generally perceived as an inessential aspect of gardening. This book makes a serious and elegant attempt to change that misconception. Over 1,000 plants worth growing for their fragrance as well as their beauty are cataloged and described in exquisite detail. Practical aspects of gardening are considered within the theme of scent, including visual impact, seasonal changes, and gardening architecture. 1991. 192 pages.

Plant Marriages

Jeff Cox

Hardcover. Retail price: \$35. AHS price: \$29.75.

Book code: HAR 004

What plants look good together? How to choose the perfect plant combination? Cox turns his experienced eye to the effective pairing of garden plants and takes an imaginative look at garden design. Through detailed recommendations, accompanied by lavish photos, he explains how to use color, texture, and form most effectively, how to plan a garden by taking best advantage of size, soil, and climate, and how to create and maintain exciting combinations. 1993. 176 pages.

The Evening Garden

Peter Loewer

Hardcover. Retail price: \$25. AHS price: \$21.25.

Book code: MAC 406

For the many people who have time to care for and enjoy their gardens only at night, *The Evening Garden* looks at the hundreds of plants that bloom and/or release their fragrance in the evening hours. Loewer relates the history of the moonlight or all-white gardens, listing dozens of beautiful bloomers, including orchids, bromeliads, annuals, perennials, wildflowers, water lilies, cacti, tropical vines, and trees. 1993. 288 pages.

REFERENCE

Wyman's Gardening Encyclopedia

Donald Wyman

Hardcover. Retail price: \$55. AHS price: \$46.75.

Book code: MAC 666

Updated and expanded, *Wyman's Gardening Encyclopedia* contains a wealth of information on planning, planting, and maintaining any kind of garden. Its more than 1,200 pages, 10,000 articles, 206 drawings, and

over 100 photographs make it one of the most comprehensive one-volume gardening sourcebooks on the market today. 1,221 pages.

Manual of Woody Landscape Plants

Michael A. Dirr

Hardcover. Retail price: \$45.80. AHS price: \$38.95.

Book code: STI 001

The fourth edition has been revised and updated with 200 new species and over 500 new cultivars, each described and evaluated and usually accompanied by a line drawing and identifying characteristics. You'll find information on common and botanical names, hardiness zones, habit, growth rate, texture, bark color, leaf color, flowers, fruit, culture, disease and insects, landscape value, cultivars, propagation, related species, and native habitat. *Manual of Woody Landscape Plants* is one of the most widely used reference works in classrooms and in the field. 1,007 pages.

The Photographic Manual of Woody Landscape Plants

Michael A. Dirr

Hardcover. Retail price: \$29.80. AHS price: \$24.95.

Book code: STI 002

With over 1,200 photographs, this book is a valuable reference text for horticulturists, landscape architects, nurserymen, or anyone interested in plants. Plants are listed in alphabetical order by scientific name, and are indexed by both scientific and common names for ready reference. *The Photographic Manual of Woody Landscape Plants* is an excellent supplement to *Manual of Woody Landscape Plants*, also by Dirr. 378 pages.

The Reference Manual of Woody Plant Propagation

Michael A. Dirr and

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Softcover. Retail price: \$31.95. AHS price: \$26.95.

Book code: TIM 537

An indispensable guide and reference to the propagation of 1,100 woody species and cultivars. Encyclopedic information on propagation practices is easily referenced in an alphabetical listing of plant names. Each listing includes proven techniques for cutting, sowing seed, grafting, and tissue culture propagation. 239 pages.

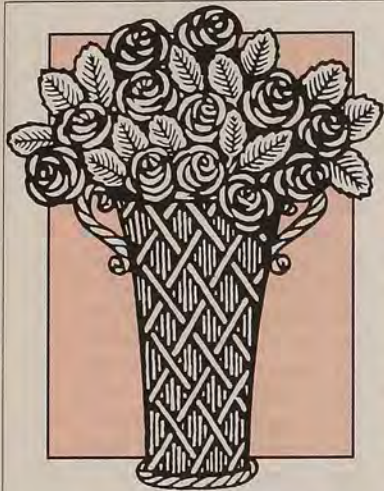
The Grafters Handbook, Fifth Edition

R. J. Garner

Softcover. Retail price: \$17.95. AHS price: \$14.95.

Book code: STE 100

Now available in paperback, this classic celebrates over 40 years as the premier grafter's sourcebook. *The Grafters Handbook* teaches readers



American Horticultural Society 1992 to 1993 Report to Contributors

To our members:

A fresh sense of energy and innovation has characterized the American Horticultural Society in 1992 and 1993. The Children's Symposium held last month was a major step toward establishing the Society's role as an active and creative leader in promoting horticulture for all Americans. River Farm was the site of several exciting projects intended to serve as models for regional efforts. We are making member benefits—through which the Board of Directors and AHS staff communicate our priorities to members—more accurately reflect the interests and concerns of members. These developments are being supported by increased administrative efficiency and responsibility.

Children, Plants, and Gardens: Educational Opportunities

This "Children's Symposium" was held August 12 to 14 at the 4-H Center in Chevy Chase, Maryland. More than 500 youth educators and others from throughout the nation learned about innovative programs to capture children's interest in plants and gardening. Co-planners of the symposium included the American Horticultural Therapy Association, the Brooklyn Botanic Garden, the National Gardening Association, and the New York Botanical Garden. Many other horticultural organizations helped sponsor the symposium.

Children's Garden Project at River Farm

Twelve gardens have been designed and installed by profes-

sional designers as well as children. Completed in mid-June, they will remain in place through October. We hope they will inspire educators to create hands-on study areas and parents to join their children in shaping back-yard retreats where youngsters can escape, dream, and be close to nature. The program describing the gardens is available on request.

The opening ceremony for the project honored Vivian Elledge Ball for her generous support of the children's symposium, her interest in education and horticulture, her commitment to young people, and her vision for their future. AHS Education Coordinator Maureen Heffernan was the driving force behind both the symposium and the display gardens.

EcoFest '93

This model two-day event, held in April, was attended by 2,500. Its central theme was the development of a sustainable lifestyle through easily adopted practices in the home, yard, office, and community. Co-sponsored by the Arlington and Fairfax County units of the Virginia Cooperative Extension Service, it was funded by the Virginia Department of Conservation and Recreation's Division of Soil and Water.

National Home Composting Park

Thanks to a \$24,000 grant from the Stanley Smith Horticultural Trust, our home composting demonstration park, which displays 60 manufactured and homemade composting bins, is now complete with a visitors' pavilion, a fence for espaliered

pears, pergolas and lattices to support grapes, hops, and many other examples of edible landscaping. The grant will also allow development of educational labels and informational brochures. This year the park attracted visitors from throughout the United States and Canada. Joseph Keyser, AHS program director, spearheaded the EcoFest as well as the compost park.

Reciprocal Admissions Program

AHS administers the Reciprocal Admissions Program, which grants members free admissions to and discounts at arboreta, gardens, museums, zoos, and conservatories throughout the United States and Canada. More than 120 institutions are now members, and many more have expressed interest in participating in coming months.

Awards Program

Each year, AHS recognizes excellence in horticulture through its Awards Program. Its highest award, the Liberty Hyde Bailey Medal, recognizes an individual who represents excellence in at least three of the categories of teaching, research, writing, plant exploration, administration, art, business, and leadership. The 1992 award went to Claude Hope, who took an obscure wildflower—the impatiens—and turned it into America's most popular bedding plant.

Publications

The magazine added a new department, "Offshoots," to give voice to humor, opinion, and feelings associated with garden-

ing. The News Edition also launched a department, "Mail-Order Explorer," to bring attention to lesser-known or new mail-order nurseries offering unusual plants. The magazine highlighted people behind your garden plants (as with articles on lilies and irises); gave you both sides of current issues (as it did with genetic engineering); and alerted readers to consumer concerns (as it did with an article on propagating heucheras). News Edition features ranged from children's gardens to greenhouses to recycling. We would like to hear much more from members regarding the information they need, as well as information they want to share on their successes, failures, concerns, and the meaning of plants in their lives.

Gardeners' Information Service

Providing accurate, up-to-date information is the mission of AHS. GIS answers member questions through its toll-free telephone line, and makes available information on topics ranging from amending soil to starting a horticultural business to where to buy garden-related videos. We recently added a new bulletin listing public gardens with special features for people with disabilities.

But this is only the beginning. Next year we plan to strengthen our benefits, increase our outreach to members, and bring you more timely information on the world of plants and their role in our world. As we do so each day, we are grateful for your enthusiasm and support.

—Helen Fulcher Walutes
Executive Director



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The Development Office of the American Horticultural Society is pleased to present this report of annual giving to the Society, which covers the fiscal year, July 1, 1992 to June 30, 1993. On behalf of the Board of Directors and staff of the Society, we gratefully acknowledge the many gifts and contributions totaling \$435,810 that enabled the Society to meet its budgetary needs for operating expenses, programs, and services during a period of national economic recession. For all these outstanding gifts of support, our sincere thanks. Your contributions have truly made a difference in our ability to fulfill AHS's mission to inform, educate, and inspire people of all ages to become successful, environmentally responsible gardeners.

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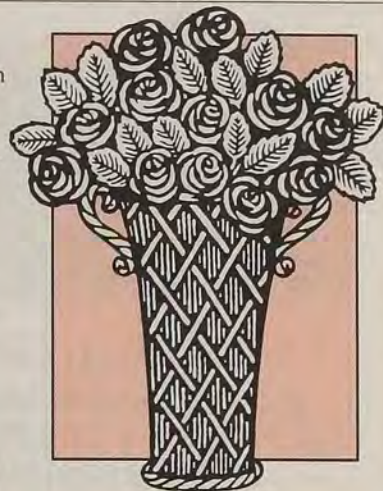
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AHS Bulletin Board

Four Board Members Nominated

Four individuals have been nominated to fill positions on the American Horticultural Society's Board of Directors. Terms will expire in October for current members Mary Katherine Blount, Beverley White Dunn, Flavia Redelmeier, and Billie Trump.

The election will be held at the 1993 Annual Meeting October 8 to 11 at Disney's Village Resort in Lake Buena Vista, Florida. The new nominees are:

Dr. Thomas (Tommy) Amason of Birmingham, Alabama. Amason is a pediatrician on the faculty of the University of Alabama School of Medicine. He is past president of the medical staff of the Children's Hospital of Alabama, founder and board member of the Discovery Place Museum for Children, and a leader in organizations to benefit hearing-impaired children. A board member of the Birmingham Botanical Gardens, he is a long-time member of AHS and was in charge of its Awards Banquet when the Society's Annual Meeting was held in Birmingham in 1991.

Nancy Callaway of Pine Mountain, Georgia. Callaway is a member of many local boards, including that of Callaway Gardens, founded by her father-in-law, the late Cason Callaway Sr. She is active in Junior League and editor of the league cookbook. But she thinks of herself first and foremost as a gardener. She is a graduate of the Master Gardeners program of the Cooperative Extension Service, and gardens both in Pine Mountain and at a home in Highlands, North Carolina. Her most recent projects have been a native plant area and a moss garden.

Paul Ecke of Encinitas, California. Ecke is the retired chairman of Paul Ecke Poinsettia Ranch, the nation's biggest producer of the popular holiday plant. He holds a bachelor's degree in horticulture and was involved in every phase of the family business, including stock production, cutting propagation, hybridization, and sales and service in the United States, Canada, Europe, and Japan. He is a board member of the Society of American Florists, serves on the advisory council to the U.S. National Arboretum, and on advisory boards to three universities.

Monroe Whitton of Alexandria, Virginia. Whitton is president of Transmission Technology, Inc., provider of custom machinery to industry, government, construction, and service industries. He is on the long-range planning committee of the Alexandria Hospital, the

Salvation Army Advisory Board, and the Historic Alexandria Resources Commission. He was founding chairman of the latter, which is the umbrella group for historic organizations in Alexandria. Whitton began volunteering his services to AHS in the spring of 1992. He has assisted with renovations, computer networks, telephone systems, and security at our River Farm headquarters.

AHS Board of Directors Proxy

Notice of Election in conjunction with the 48th Annual Meeting of the American Horticultural Society. Cut out proxy and return by October 1 to: President, AHS, 7931 East Boulevard Drive, Alexandria, VA 22308-1300.

I will not be able to attend the Annual Meeting of the American Horticultural Society on October 8, 1993. Please assign my proxy to AHS President, George C. Ball Jr., or to

to cast my ballot in the annual election of the Society's Board of Directors, and to cast my ballot in other matters that may be brought before the Annual Meeting with the same effect as though I were personally present.

Vote for four:

- ☐ Dr. Thomas Amason
- ☐ Nancy Callaway
- ☐ Paul Ecke
- ☐ Monroe Whitton

Write-in Candidate _____

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The American Horticultural Society is pleased to offer "Earth Friendly Gardening" as its 1994 calendar selection. This beautiful wall calendar provides monthly advice on choosing native plants and time-honored hardy plants, "ecoscaping," composting for good soil, nurturing pesticide-free vegetables, and more—all the information a gardener needs to create an earth-friendly garden. As "America's Plant Doctor," Ellen Henke is well known to television and radio audiences. Now Henke, who holds a doctorate in botany from Columbia University, has created an informative calendar for both novice and veteran gardeners.

The calendar is 14" x 10 3/8" and includes 12 full color photographs by George M. Henke. One calendar is just \$11 postage paid for AHS members. Each additional calendar is only \$9.50 postage paid. Virginia residents add 4 1/2% sales tax.

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Gardeners' Dateline

Mid-Atlantic

- ♦ Sept. 24-26. The 13th Annual Oatlands Garden Fair. Oatlands Plantation, Leesburg, Virginia. Information: (703) 777-3174.
- ♦ Oct. 1. American Association of Botanical Gardens and Arboreta Mid-Atlantic Regional Meeting. Winterthur Museum, Garden, and Library, Winterthur, Delaware. Information: (302) 888-4779.
- ♦ Oct. 6-7. The 57th Annual Rose Show. Virginia Beach, Virginia. Sponsored by the Garden Club of Virginia. Information: (804) 428-1760.
- ♦ Oct. 22-24. Second Annual Herb Conference. Flatwoods, West Virginia. Sponsored by the West Virginia Herb Society. Information: Nona, (304) 524-2705.

North Central

- ♦ Sept. 25-26. Midwest Dahlia Conference. St. Louis, Missouri. Information: Bob Martens, (314) 352-4743.
- ♦ Sept. 26-29. Association of Zoological Horticulture Annual Conference. St. Louis Zoo, St. Louis, Missouri. Information: Gary Wangler, (314) 781-0900.
- ♦ Oct. 1-Nov. 14. Fall Floral Show. Krohn Conservatory, Cincinnati, Ohio. Information: Jan Seidel, (513) 357-2605.
- ♦ Oct. 2-3. World's Largest Gourd Show. Mt. Gilead, Ohio. Information: (419) 946-3302.

Northeast

- ♦ Sept. 16-19. New York State American Society of Landscape Architects Annual Convention. Buffalo, New York. Information: Jim Rathmann, (716) 636-9700, Fax (716) 636-9783.
- ♦ Sept. 18. The 38th Annual Rose Show. Plainview, New York. Sponsored by the American Rose Society, New York State District. Information: (516) 773-7936.
- ♦ Sept. 19. Annual Plant Sale and Rare Plant Auction. Arnold Arboretum, Jamaica Plain, Massachusetts. Information: (617) 524-1718.
- ♦ Oct. 8-11. Eighth Annual Eastern North American Permaculture Conference. Butler, Pennsylvania. Information: John Irwin, (614) 695-3008.
- ♦ Oct. 16-17. The 50th Annual National Chrysanthemum Show. Morristown, New Jersey. Information: Edgar Norton, (908) 526-1258.
- ♦ Oct. 16-17. Mid-Atlantic Koi Club Fifth Annual Show. Longwood Gardens, Kennett Square, Pennsylvania. Information: Art Lembke, (301) 464-8072.

Northwest

- ♦ Sept. 30-Oct. 2. Land Trust Alliance's National Rally '93. Big Sky, Montana. Information: (202) 785-1410.

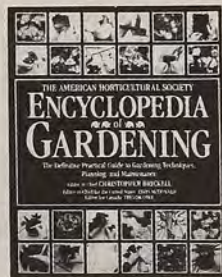
South Central

- ♦ Oct. 15-16. Sixth Annual Southern Garden Symposium. St. Francisville, Louisiana. Information: (504) 635-3349.

Southeast

- ♦ Sept. 18-19. Refining the Garden: The Trowels and Pleasures of Gardening. Symposium. Atlanta, Georgia. Information: (404) 814-4000.
 - ♦ Sept. 21-26. Gesneriad Society International. Annual Show and Convention. Clearwater, Florida. Information: Jo Anne Martinez, (813) 963-7424.
 - ♦ Oct. 1-4. American Community Gardening Association 14th Annual Conference. Louisville, Kentucky. Information: Brett Mills, (502) 425-4482.
 - ♦ Oct. 7-9. Restoring Southern Gardens and Landscapes. Conference. Salem College, Winston-Salem, North Carolina. Information: (919) 721-7352.
 - ♦ Oct. 8-10. Chrysanthemum Festival. New Bern, North Carolina. Information: (800) 767-1560.
 - ♦ Oct. 9. Fall Gardening Festival. Atlanta Botanical Garden, Atlanta, Georgia. Information: Julie Herron, (404) 876-5859.
 - ♦ Oct. 23. Brookgreenfest. Annual fall festival. Brookgreen Gardens, Murrells Inlet, South Carolina. Information: (800) 849-1931.
- ## West Coast
- ♦ Sept. 2. The California Garden. Lecture. The Huntington, San Marino, California. Information: Lisa Blackburn, (818) 405-2140.
 - ♦ Sept. 4-6. Fern and Exotic Plant Show and Sale. Los Angeles State and County Arboretum, Arcadia, California. Information: (818) 821-3222.
 - ♦ Oct. 9-10. Orchid Show and Sale. South Coast Botanic Garden, Palos Verdes Peninsula, California. Information: (310) 544-6815.
 - ♦ Oct. 15. Native and Mediterranean Bulbs for California Gardens. Lecture. Santa Barbara Botanic Garden, Santa Barbara, California. Information: (805) 563-2521.
 - ♦ Oct. 16-17. Los Angeles Rose Society Fall Show. Descanso Gardens, La Canada Flintridge, California. Information: (213) 344-8805.

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The American Horticultural Society Encyclopedia of Gardening, which will be published in October, retails for \$59.95 but AHS members can receive it for just \$49.95 plus \$5 shipping. Use your Visa or MasterCard to preorder your copy. Just call toll-free, (800) 777-7931.



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Beetle Bomb

Gardeners who want to experiment with biological control of aphids and other insect pests are likely to be disappointed by mail-order lady bugs, warns a Texas A&M entomologist.

The most commonly sold species is the convergent lady beetle, which is collected while hibernating in California mountains. They're genetically programmed to "fly away home" when they emerge, to fields in California's central valley, and that same urge will come over them if they wake up in your back yard, according to Dr. Allen Knutson.

He suggests that gardeners encourage the multiplication of lady beetles already in their yards by using selective insecticides or none at all. Or they might want to consider buying green lacewings. They have a huge appetite for aphids and if released in the form of eggs or larvae, they won't pack up and leave town.

Executive Bins

George J. Hochbrueckner, a Democratic congressman from New York, has introduced a bill that would encourage the president and the nation's governors to begin composting on the grounds of their official residences.

The bill was introduced in May, and was assigned to the House Energy and Commerce Committee. At press time, the congressman was "busily recruiting co-sponsors" for the legislation, according to Tom Downs, his administrative assistant. "The White House is pretty favorable, although they haven't said anything officially yet," Downs said. Four governors—in Texas, North Carolina, Georgia, and Illinois—are already composters, and Maryland's governor was reported to have obtained a bin.

"This is just a 'sense of Congress' resolution. It doesn't require them to do anything," Downs said. "We feel that to

the extent that an executive mansion is a public facility, it would set a good example. If a governor has a private residence, we don't want to pry into people's back yards."

The bill suggests that composting could handle up to 60 percent of municipal discards. The nation's chief executives are "uniquely positioned to lead by example," it says, and might encourage government agencies to follow suit.

According to *U.S. News & World Report*, Hochbrueckner's staff wants the president to package the finished compost, sell the packets as souvenirs, and use the proceeds to reduce the deficit. "We weren't too serious about that part," Downs said. "But Bill and Hillary's compost might be a popular item."

You Can Still Call It a 'Tomato'

The taxonomists are at it again. This time they want to put two of our most common edibles—potatoes and tomatoes—under the same botanical roof.

Plant biologists David M. Spooner, Gregory J. Anderson, and Robert K. Jansen have concluded that both plants should be categorized as members of *Solanum*, which also includes eggplants and poisonous nightshades. For 239 years, tomatoes have been in the genus *Lycopersicon*, although there have always been holdouts among scientists. Carl Linnaeus, the 18th-century Swedish biologist who developed the binomial system for naming plants, called the tomato *Solanum lycopersicum*.

Spooner, of the University of Wisconsin-Madison, says that both DNA analysis and a closer look at plant anatomy indicate that there is more diversity within the accepted members of the *Solanum* clan than there is between *Solanum* and *Lycopersicon*.

Therefore, he and his colleagues would like to see Linnaeus's original name

re-adopted. They say the only alternative, based on their findings, is to split other current members of the potato's genus into separate genera.

Beaucoup Bamboo

A bamboo park being assembled in Summertown, Tennessee, will soon display the largest collection of bamboos east of the Mississippi, according to its proprietors. Motivated by their belief that "bamboo is one of if not *the* most important plant on Earth," Adam and Sue Turtle are in the process of planting some 200 species from 22 genera on their 48-acre farm in the mountains of south central Tennessee.

The Turtles run a bamboo nursery, which they call simply "Our Nursery," and from which most of the park's plantings are derived. A wholesale operation, the nursery specializes in mature, landscape-sized plants. Since their farm is perched on the southern edge of Zone 6, defining the cold hardiness of their bamboos is one of the couple's major interests. Adam Turtle says one of his hopes for the park is that it will function as a testing ground for bamboos usually grown farther south.

Both the Turtles are trained in permaculture and have been growing bamboo for 14 years. The couple founded a local chapter of the American Bamboo Society. In March they also began to publish a journal, the *Temperate Bamboo Quarterly*, which is intended to explore the culture and uses of hardy bamboos. Topics dealt with thus far include the cold hardiness of species the Turtles grow, profiles of bamboo plantings, and advice on selecting bamboos.

Subscriptions to the Temperate Bamboo Quarterly are \$24 a year. For more information on the publication or the Bamboo Park, contact the Turtles at 30 Myers Road, Summertown, TN 38483, (615) 964-4151.



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